


# ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

| Title of Invention               | HERMETIC CLOSED LOOP FLUID SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
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| Submission Type :                | Information Disclosure Statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Application Number:              | 10/769717                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| EFS ID:                          | 80248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Server Response:                 | <table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>8804</td></tr><tr><td>USPTOEFSNot</td><td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a></td></tr></tbody></table>                                                                                                                                                                                |                                                                                    |                          | Confirmation Code | Message   | ISVR1        | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1  | 8804                 | USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a> |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Confirmation Code                | Message                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| ISVR1                            | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| ICON1                            | 8804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| USPTOEFSNot                      | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| First Named Applicant:           | Douglas Werner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Attorney Docket Number:          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Timestamp:                       | 2005-03-17 14:03:05 EDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| From:                            | us                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| File Listing:                    | <table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-ids</td><td>COOL02100-usidst.xml</td><td>2060</td><td>2005-03-17</td></tr><tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td><td>2005-03-17</td></tr><tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td><td>2005-03-17</td></tr><tr><td>package-data</td><td>COOL02100-pkda.xml</td><td>1650</td><td>2005-03-17</td></tr><tr><td>package-data</td><td>package-data.dtd</td><td>27025</td><td>2005-03-17</td></tr><tr><td>package-data</td><td>us-package-data.xsl</td><td>19263</td><td>2005-03-17</td></tr><tr><td colspan="2">Total files size</td><td>69787</td><td></td></tr></tbody></table> |                                                                                    |                          | Doc. Name         | File Name | Size (Bytes) | Date Produced (yyyymmdd)                                                                                                                | us-ids | COOL02100-usidst.xml | 2060        | 2005-03-17                                                                                                                                                                                                    | us-ids | us-ids.dtd | 7763 | 2005-03-17 | us-ids | us-ids.xsl | 12026 | 2005-03-17 | package-data | COOL02100-pkda.xml | 1650 | 2005-03-17 | package-data | package-data.dtd | 27025 | 2005-03-17 | package-data | us-package-data.xsl | 19263 | 2005-03-17 | Total files size |  | 69787 |  |
| Doc. Name                        | File Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Size (Bytes)                                                                       | Date Produced (yyyymmdd) |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| us-ids                           | COOL02100-usidst.xml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2060                                                                               | 2005-03-17               |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| us-ids                           | us-ids.dtd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7763                                                                               | 2005-03-17               |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| us-ids                           | us-ids.xsl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12026                                                                              | 2005-03-17               |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| package-data                     | COOL02100-pkda.xml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1650                                                                               | 2005-03-17               |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| package-data                     | package-data.dtd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 27025                                                                              | 2005-03-17               |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| package-data                     | us-package-data.xsl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 19263                                                                              | 2005-03-17               |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Total files size                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 69787                                                                              |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Message Digest:                  | 8d601d4aa44c1d88ab25d321e7e2eb2904dff162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |
| Digital Certificate Holder Name: | cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                    |                          |                   |           |              |                                                                                                                                         |        |                      |             |                                                                                                                                                                                                               |        |            |      |            |        |            |       |            |              |                    |      |            |              |                  |       |            |              |                     |       |            |                  |  |       |  |